



### Guidelines for Re-accreditation

#### **Accreditation Deadline:**

Please note that our accreditation deadline always falls on the first of the year. All AOLCPs, including those who were newly accredited in 2010, **must have proof of credits and payment postmarked by January 1, 2011 in order to reaccredit for 2011.**

#### **Submit a Course for Approval:**

If you know of a course that you think should receive AOLCP credit, [fill out this form](#) for consideration.

## **Current Credit Opportunities**

**Be sure to get the instructor's signatures on your re-accreditation form, available [here](#).**

### **MARCH**

- March 2 - 30: [Landscape Design I](#) - Stockbridge, MA
- March 2 - April 6: [The Plant Kingdom: An Overview](#) BOT 351 - Cambridge, MA
- March 3-24 and April 10: [Designer Tool Kit III - Project & Presentation](#) - Stockbridge, MA
- March 4: [Landscape Maintenance: An Organic Approach](#) HOR 191 - Boston, MA
- March 5: [Creating Green Roofs: Research and Technology](#) - Bronx, NY
- March 6: [CT NOFA Winter Conference](#) - Manchester, CT
- March 6: [Both Sides Now: Gardening in Sun and Shade](#) - Falls Village, CT
- March 9: [Compost Tea for the Home Gardener](#) - Beverly, MA
- March 9: [Soil Health Conference](#) - Mount Laurel, NJ
- March 9: [Integration of Compost Technologies in Sustainable Land Care](#) - Nantucket, MA
- March 9: [Tree Invasives, What's Next?](#) - Amherst, MA
- March 10: [Tree Warden Association Spring Workshop](#) - West Hartford, CT
- 10 de Marzo: [Mantenimiento del Césped y Paisaje HOR 111](#) - Boston
- March 11: [UConn Perennial Plant Conference](#) - Storrs, Connecticut
- March 11: [Vermicomposts in the Suppression of Plant Diseases](#) - New Haven, CT
- March 11-12: [Natural Lawn & Turf Mgmt Training for Lawn Care Pros & Municipal Officials](#) - Rye, NY
- March 11-12: [Environmental Landscape Design: Learning from Experience](#) - Haverford, PA
- March 13: [From the Ground Up: Soil Improvement](#) - Unity, ME
- March 13: Nutrient Density Course-[Working the Soil](#)- Lincoln, MA
- March 15: [Turning Gray to Green: Developing Urban Natural Spaces & Native Plant Gardens](#)- Valhalla, NY

- March 16: [Ecological Restoration](#) - Bronx, NY  
 March 16- 17: [Natural Lawn & Turf Mgmt Training for Lawn Care Pros &Municipal Officials](#) - Sturbridge, MA  
 March 16-17: [Environmental Landscape Design: Learning from Experience](#) - New London, CT  
 March 17 & 24 and April 3, 2010: [Fruit Orchards and Small Fruit Gardens](#) - Stockbridge, MA  
 March 17-31: [Sustainable Gardening Techniques](#) - Bronx, NY  
 March 22: [Going Green with Marie Stella](#) - Wellesley, MA  
 March 25: [Organic Lawn Class for Professional Landscapers](#) - Greenwich, CT  
 March 25: [Edible Estates: Full Frontal Gardening](#) -Bronx, NY  
 March 26: [The Living Landscape: Broadening Your Horizons](#) - Valhalla, NY  
 March 27: [Native Plants Saturday](#) - Bronx, NY  
 March 27: [Greenscapes: Variations on the Theme](#) - Manchester, CT  
 March 27: [MA Land Conservation Conference](#) - Worcester, MA

#### **APRIL**

- April 1-May 13: [Introduction to Plant Science](#) - Bronx, NY  
 April 3: [Protect and Enhance Watercourses](#) - Kent, CT  
 April 6-27 [Growing Vegetables in the City](#) HOR 173 - Boston, MA  
 April 8: [Garden Plants Great and Small](#) HOR 131 - Boston  
 April 10: [The Lowdown on Gardening Down Low](#) - Randolph, VT  
 April 10: [Spend a Morning with the National Wildlife Federation](#) -Valhalla, NY  
 April 10: [Planting Design in Multiple Dimensions](#) HOR 331- Boston, MA  
 April 10: [Pruning Workshop with Lee Reich](#) - New Paltz, NY  
 April 10: [WOW—Botany is Exciting! BOT 103](#) - Wellesley, MA  
 April 10: [Invasives: ID, Ecology, and Control](#) - New Haven, CT  
 April 10–May 8: [Ornamental Woody Plants : Spring Trees and Shrubs](#) - Bronx, NY  
 April 11 & 18: [More Fruit, Please! Expanding Your Home Harvest](#) - Boston, MA  
 April 12: [Conservation Arboriculture](#) - Burlington, CT  
 April 12-May 15: [Soil Science I: Physical Properties](#) - Bronx, NY  
 April 15: [Insect Laboratory: Hands-on Identification and Management Strategies](#) - Wareham, MA  
 April 16: [Designing Your Garden with Northeastern Flora: A Personal View](#) -Valhalla, NY  
 April 17: [Landscape Design for the Natural Garden](#) - Norwich, VT  
 April 17: [Invasive Plants: ID, Ecology, and Control](#) - Framingham, MA  
 April 21–May 26: [Ornamental Woody Plants : Spring Trees and Shrubs](#) - Bronx, NY  
 April 24: [Planting and Transplanting: Demonstrated Techniques for Trees and Shrubs](#) - Boston, MA  
 April 24-May 18: [Steps to a Better Garden: Starting from the Ground Up!](#) - Boston  
 April 24: Nutrient Density Course-[Working with Plants](#) - Lincoln, MA  
 April 29: [Scouting for Pests & Problems of Woody Ornamentals: Weeds & Diseases](#) -Jamaica Plain, MA

#### **MAY**

- May 20: [Tree Decay-Concepts in Compartmentalization and Detection](#) - Burlington, CT  
 May 21: [Tree Survival and Response to Injury, Infection, and Environmental Change](#) - New Haven, CT  
 May 27: [Inland Wetland Plant Identification](#) - Amherst, MA

#### **JUNE**

- June 3: [Scouting Pests & Problems of Woody Ornamentals: Insects,Weeds,Cultural](#)

**Problems** - Bridgewater, MAJune 3: [Identifying Inland Wetland Soils](#) - Amherst, MAJune 8-July 13: [Soil Science I: Physical Properties](#) - Bronx, NYJune 26: [Airspading Workshop](#) - Watertown, MAJune 27: Nutrient Density Course: [Optimizing Growth, Health & Quality](#)- Lincoln, MA**JULY****AUGUST**August 29: Nutrient Density Course: [Completing the Season in Style](#) - Lincoln, MA**SEPTEMBER**Sept. 25-Oct. 23: [Ornamental Woody Plants : Fall Trees and Shrubs](#) - Bronx, NYSeptember 30: [Scouting for Pests & Problems of Woody Ornamentals: Diseases & Weeds](#) - Worcester, MA**OCTOBER**Oct. 1 to Nov. 5: [Ornamental Woody Plants : Fall Trees and Shrubs](#) - Bronx, NYOctober 3-31: [Ornamental Woody Plants : Fall Trees and Shrubs](#) - Bronx, NYOctober 31: Nutrient Density Course: [Putting Land to Rest](#) - Lincoln, MAOngoing: [Natural Turf Pro, Professional Landscaper DVD Training and written test.](#)

Archive of Past Credit Opportunities

[2006 Archive](#)[2007 Archive](#)[2008 Archive](#)[2009 Archive](#)[2010 Archive](#)**Announcements:****Become a member of The Underground!**

The Underground is pleased to welcome NOFA Accredited Organic Land Care Professionals to become members of our grassroots organization of more than 300 landscape professionals in New England. The Underground exists to promote the advancement of knowledge, education, and skill in the art and science of landscape design, installation, and maintenance techniques through the dissemination of information. As part of your free membership in The Underground, you will have the opportunity to have a professional listing on our 'Find A Landscape Professional' website. Your listing on our website is a great marketing opportunity for your business and will allow consumers to find you when they need your services. Listings will remain free until such time that has yet to be determined. For more information about The Underground and to sign up to become a member, please visit our website at <http://theunderground.pbwiki.com> To see our current listings at the 'Find A Landscape Professional' website go to <http://findalandscapepro.pbwiki.com>

*March 2-30, 2010***Landscape Design I****Location:** Berkshire Botanical Gardens, 5 West Stockbridge Rd., Stockbridge, MA 01262

**Time:** Tuesdays, 6 to 9 p.m.

**Instructor:** [Chris Tomich, B.S.](#)

**Cost:** \$ 170

Focus on the "big picture" and learn the principles of design, importance of drainage, and view slides of both successful and troubled landscapes. Site selection, design concepts and client presentations will be addressed and students will complete landscape design assignments. This class has 5 sessions. For more information concerning the certificate requirements or general program questions call Elisabeth Cary, Director of Education, Berkshire Botanical Garden, 413-298-3926.

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*March 2, 9, 16, 23, 30, April 6, 2010*

**The Plant Kingdom: An Overview BOT 351**

**Location:** Harvard University Herbaria, 22 Divinity Avenue, Cambridge, MA

**Time:** 6:30–8:30 pm

**Presenter:** K. N. Gandhi, Botanist, Harvard University Herbaria

*This course will earn 6 AOLCP credits.*

Through lectures and work in the laboratory, Dr. Gandhi will provide a deeper understanding of the plant kingdom, from the simple plants to those that are highly evolved. He will outline the structure and reproduction of bacteria, cyano-bacteria, algae (fresh water and marine), fungi, moss, ferns, pines, and flowering plants. You will learn about the fundamental differences in the plant structure of these groups and also their capabilities in reproducing both sexually and asexually. The role of xylem, phloem, fruits, and seeds in the success of flowering plants will be discussed. **Fee** \$165 member, \$200 nonmember. Register for this class [online](#) or by [phone/mail](#).

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*March 3-24 and April 10, 2010*

**Designer Tool Kit III - Project & Presentation**

**Location:** Berkshire Botanical Gardens, 5 West Stockbridge Rd., Stockbridge, MA 01262

**Times:** Wednesdays, March 3 - 24 (6 - 9 p.m.) & Saturday April 10 (10 a.m. - 4 p.m.)

**Instructor:** [Kate Kerivan MA](#), [Chuck Schnell MA](#)

**Guest Instructor:** [Walt Cudnohufsky MLA](#),

**Cost:** \$375

Focus is on individual projects.

Work on a professional garden design project. Students will select a project and take it from creative concept to completed design plan including schematic drawings, and planting plans. Students will make a formal presentation at the final class before the group including guest designers. Each class will involve instruction and evaluation of projects in progress and will include both class instruction and studio time. Group discussion will hone skills learned in the previous two Designer Tool Kit courses. This team-taught course will have two instructors at each class and is the culminating project for the Level II Certificate in Design. For more information concerning the certificate requirements or general program questions call Elisabeth Cary, Director of Education, Berkshire Botanical Garden, 413-298-3926.

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*March 4, 2010*

**Landscape Maintenance: An Organic Approach HOR 191**

**Location:** Arnold Arboretum, 125 Arborway, Boston, MA

**Time:** 9:00 am–3:30pm

*This class will earn 4 AOLCP credits.*

Improve your understanding of horticulture and enhance your landscape skills. This all-day class will introduce the basics of horticultural landscape maintenance. James Agabedis is the owner of Minuteman Landscaping, an all-organic land care company. Having worked in the industry since 1986, Jim is a pro at communicating with customers and employees, and brings a solid understanding of current landscape practices to the classroom. He emphasizes organic techniques in this class. Jim will present the following topics: landscape maintenance practices; soil fertility; plant growth and health; planting and pruning techniques; plant evaluation; equipment safety; and turf care. The class will take place indoors and on the grounds of the Arnold Arboretum. Certificates of attendance will be given to attendees. The fee includes morning coffee and program materials. Bring a lunch and beverage. Register early as this class fills quickly. **Fee** \$90. Register for this class [online](#) or by [phone/mail](#).

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*March 5, 2010*

### **Creating Green Roofs: Research and Technology**

**Location:** NY Botanical Garden, Bronx, NY

**Time:** 10 a.m. to 4:45 p.m.

*Each of the following classes has been approved for 2 AOLCP credits.*

#### **Green Roof Basics** (103HRT807 Section A: 10 a.m.–12 p.m.)

**Instructor:** Susanne Boyle

Everybody talks about green roofs, but what are they and why should we build them? What are the most convincing arguments to build green roofs? Susanne Boyle highlights green roof functions, aesthetic and ecological benefits, and discusses green roofs in the context of our cityscapes. The presentation will offer suggestions on schematic green roof planning and design.

#### **The New York Green Roof Tax Credit** (103HRT807 Section B: 10 a.m.–12 p.m.)

**Instructors:** Caroline Harris and Robert Crauderueff

The recently enacted New York tax credit provides an incentive for many property owners to consider building green roofs. Caroline Harris, a land use lawyer who was instrumental in the adoption of the tax credit, will elucidate the criteria that qualify under the law and walk you through the application process. As well, she will discuss other municipal regulations that affect the development of green roofs in New York City. Robert Crauderueff is the former Policy Director at Sustainable South Bronx and is currently pursuing an advanced degree at M.I.T.

#### **Green Roofs and Climate Mitigation: NYC Research** (103HRT807 Section C: 12:30–2:30 p.m.)

**Instructor:** Stuart Gaffin, Ph.D.

Green roofs are gaining attention in the United States as a versatile new environmental mitigation technology, while interest in data on the environmental performance of these systems is growing. Stuart will show some green roof systems being monitored in the New York City area, describe the sensor selection employed to study energy balance, and share samples of selected data.

#### **Installing a Green Roof** (103HRT807 Section D: 12:30–2:30 p.m.)

**Instructor:** Jörg Breuning

Once a design is finalized, preparations for installation can begin. Gain knowledge of liability, the

permit process, and insurance issues. Learn to calculate material quantities and discuss the various ways the material gets up to the roof. Familiarize yourself with the necessary qualifications for the crew that will install the green roof.

**Beyond Sedum: Native Plant Communities for Green Roofs** (103HRT807 Section E: 2:45–4:45 p.m.)

**Instructor:** Matthew Palmer, Ph.D.

Green roofs can be more than just alive and green: they can support complex ecosystems built on a foundation of native plants. In densely urban areas, rooftops offer an unparalleled opportunity to expand the area supporting native vegetation. This talk presents research on establishing regionally-native grassland communities that tolerate rooftop environmental conditions.

**Myths and Common Mistakes in Building Green Roofs** (103HRT807 Section F: 2:45–4:45 p.m.)

**Instructor:** Jörg Breuning

Every new technique and standard of development needs to be evaluated, and green roofs are no exception. Hear from an experienced designer and installation expert how to improve your design and avoid some common mistakes and a few myths associated with green roofs. We can all learn from our mistakes!

To register, or for more information, call 718-817-8747 or register [online](#).

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*March 6, 2010*

**CT NOFA Winter Conference**

**Location:** Manchester Community College, Manchester, CT

**Time:** 8:30 a.m.- 4:45 p.m.

*The following workshops have been approved for 1 AOLCP credit each .*

**Permaculture Design For Productive Conservation: Grow Food, Rebuild The Enviroment**

Keith Zaltzberg, Regenerative Design Group

**How We Grow Garlic At Wayne's Organic Garden**

Wayne Hansen, Wayne's Organic Garden

**First Lessons In Beekeeping**

C. Marina Marchese, Red Bee Apiary

**Worm Composting**

Nick Mancini

**Threats To The Health Of Honey Bees And Wild Bees**

Dr Kimberly Stoner, Vegetable Entomologist at the CT Agriculture Experiment Station, New Haven

**Weed Ecology & Organic Weed Control**

Robert Durgy, Farm Manager CT Agricultural Experiment Station, Griswold Research Center

**The 10 Least Wanted: Vegetable Insects Pests & What To Do About Them**

Robert Durgy, Farm Manager CT Agricultural Experiment Station, Griswold Research Center

**Hills And Valleys – Raised Bed Gardening**

James Roby, Roby's Organic Farm. Raised bed, ridge till and trench planting methods. Managing walkways, mulching, and cultivation.

*The following workshops have been approved for .5 AOLCP credit.*

**Growing Cutflowers**

Alan Gorkin, Growing sustainable cut flower crops for to increase market diversity.

**Seedy Business: The History, Politics, & Future Of Seeds**

Ken Greene, Hudson Valley Seed Library

**Greenhouse/Nursery Energy Conservation – Ideas That Save Money**

John W. Bartok Jr. Extension Agricultural Engineer – Emeritus Univ of CT Materials, tools, and techniques for reducing fuel & electricity use in small to medium size propagation & production structures. Basics of wood, corn, waste oil, geothermal & solar systems.

For further information visit the CT NOFA [website](#).

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*March 6, 2010*

**Both Sides Now: Gardening in Sun and Shade at the Woodland Edge**

**Location:** Housatonic Valley Regional High School

**Time:** 9 a.m. to 3:10 p.m.

*Each of the following workshops has been approved for 1 AOLCP credit.*

**Creating Habitats for Birds on Properties Large and Small** (Stephen Kress)

**Fringe Communities: Managing the Woodland Edge** (Thomas Worthley)

**On the Edge: The Woodland to Meadow Ecotone** (Larry Weaner)

**Stimulating the Vegetative Mind** (Daniel Mack)

For further information, see the Conference [brochure](#) and/or call Eileen Mulvhill at 860-354-1299 or Kathleen Nelson at 860-355-1547.

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*March 9, 2010*

**Compost Tea for the Home Gardener**

**Location:** Long Hill, Beverly, MA

**Time:** 6 to 7:30 p.m.

**Presenter:** Javier Gil, AOLCP

**Cost:** \$8 members, \$10 non-members

*This event will earn 1.5 AOLCP credits.*

During this hands-on demonstration by organic landscaper Javier Gil, you will learn the fundamentals of compost, soil microbiology, and why compost tea is the hottest new trend in gardening. Compost tea is used to promote beneficial bacteria, add nutrients to the soil, suppress disease and fungi, and increase overall health in plants. Javier will demonstrate how to make your own compost tea at home with a few simple supplies. For further information, call 978-921-1944 x 4018, [email](#) or visit the website of [The Trustees of Reservations](#).

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*March 9, 2010*

**Soil Health Conference**

**Location:** Mount Laurel, NJ

**Time:** 8:30 a.m. to 4:30 p.m.

*The following workshops will earn .25 AOLCP credits each.*

**Demonstration of Soil Health**

Fred Schoenagel, Soil Scientist & Eileen Miller, Resource Conservationist USDA- NJ Natural Resources Conservation Service

**A Panel Discussion with the Experts**

Don Knezick, Moderator & Conference Committee Chair; Member, State Soil Conservation Committee;

Supervisor, Burlington County SCD

Why Soil Health Matters to. . .

- » Runoff Impacts & Stormwater  
Joseph Skupien, P.E., President, Stormwater Management Solutions
- » Recharge Quantity and Quality  
Timothy Reilly, Research Hydrologist, US Geological Survey
- » Climate Change & Ecosystems  
Jennifer Wightman, Dept. of Crop & Soil Sciences, Cornell University
- » Habitat Connections & Fisheries  
Dr. Russell "Rusty" Rodriguez, USGS Biological Resources Division
- » Sustainable Agriculture  
Dr. Mary Barbercheck, Professor of Entomology, Penn State University

**Making Meaningful Measurements of Soil Health**

Overview of Problems in Barnegat Bay – A Case Study

Robert Nicholson, Hydrologist U.S. Geological Survey, New Jersey Water Science Center

Barnegat Bay Soil Health Card – An Assessment Tool

Eileen Miller, Resource Conservationist, NRCS

**Resources - Helping People Sustain Healthy Soil**

Web Soil Survey - Fred Schoenagel, Soil Scientist, NRCS

Soil Biology Primer – Loren Muldowney, Scientist, Rutgers Soil Lab

Urban Soil Primer – Eileen Miller, Resource Conservationist, NRCS

**Bringing it Back Together – Next Steps – Evaluations**

Don Knezick, Moderator

*The following session will earn .5 AOLCP credits.*

**Solution Sessions - Small Group Break-Out**

Participants in Solution Sessions identify gaps in our knowledge, implementation issues, & practical management strategies.

- » Air & Climate Change:  
Facilitator: Ken Marsh, 2nd Vice President, NJACD  
Recorder: Ken Taaffe, Coordinator, South Jersey RC&D
- » Water Resources  
Facilitator: Timothy Reilly, Research Hydrologist, USGS  
Recorder: Martha Maxwell-Doyle, Supervisor, Ocean County SCD
- » Land Use Issues  
Facilitator: Marilyn Mroz, P.E., Cushetunk Technical Services, Inc.  
Recorder: Bill Brash, District Manager, Mercer County SCD

For more information and to register, visit the conference [website](#).

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*March 9, 2010*

**Integration of Compost Technologies in Sustainable Land Care**

**Location:** Bartlett's Farm Hayloft, Nantucket, MA

**Presenter** Peter Schmidt

*This event will earn participants 4 AOLCP credits.*

Compost technology is gaining attention as awareness of waste stream reduction and pesticide use



increases. Attendees will learn the importance of organic matter and its role in compost production, plant nutrition and soil biology. The production and application of compost tea will be discussed along with soil amendments and microbial foods.

Peter Schmidt, certified arborist and founding partner of Compostwerks LLC, has been involved in the horticultural industry for 25 years. He graduated from University of Massachusetts, Stockbridge School of Agriculture in 1990, and has spent the balance of his career in arboricultural consulting. For more information or to register, contact the NLC at 508-228-2818 or [nlc@nantucket.net](mailto:nlc@nantucket.net).

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*March 9, 2010*

### **Tree Invasives, What's Next?**

**Location:** Stockbridge Hall, UMass, Amherst, MA

**Time:** 9 a.m. to 4 p.m. (Registration and coffee at 8 a.m.)

*This event has been approved for 2.5 AOLCP credits.*

A one-day conference for Arborists, Tree Wardens, Municipal Managers, City Planners, Foresters, Sugar Bush Owners and Landscape Architects involved in the management of property, both private and municipal. Topics include: Asian Longhorned Beetle Update ( Ken Gooch, Mass. DCR, Forest Health and Clint McFarland, USDA APHIS); What Do We Plant Now? ( Eric Seabourn, Mass. DCR – Urban Forestry); Transplanting Bare-root Trees (Matt Foti, MCA, Foti Landscape and Tree Service); Plant Choices: A Landscape Architect's perspective on the native plant issue ( Jack Ahern, LA, UMass Dept. of Landscape Architecture and Regional Planning); Diseases Update for 2010 ( Kathy Decker, VT Forest Specialist, Pathologist); Insect update for 2010 ( Robert Childs, Entomologist, UMass Plant Diagnostic Lab). Cost is \$65 per person. Coffee break and parking pass included in registration fee (lunch is on your own). Send to: Tree Conference, UMass Extension, French Hall, 230 Stockbridge Rd., Amherst, MA 01003. Make checks payable to UMass. For more information, contact UMass Extension at (413) 545-0895; email [Ellen Weeks](#) or [Dennis Ryan](#); or go to the [UMass Green Info website](#).

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*March 10, 2010*

### **Tree Warden Association Spring Workshop**

**Location:** UConn, Greater Hartford Campus, W. Hartford, Library Auditorium

**Time:** 9 a.m. to 12:15 p.m. (Registration at 8:15)

*The following workshops have been approved for 1.5 credits each.*

#### **Tree Risk Assessment: Identifying Hazards and Documenting Inspections**

Dr. Dennis Ryan, Professor and Program Coordinator, Arboriculture and Urban Forestry, UMass

**Trees and the Law:** Understanding the Law and How Past Rulings Can Help Shape a Better management Program; Protecting the Public from Harm, Limiting the Town from Liability, Establishing a Standard of Care, and How it Can Help You Sleep More Soundly When The Wind Blows

David G. Marren, Esquire. Attorney and Arborist with the F.A. Bartlett Tree Expert Company

For registration information, go to The CT Tree Wardens' [website](#) and click on "Calendar."

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*10 de Marzo, 2010*

### **Mantenimiento del Césped y Paisaje (Landscape Maintenance in Spanish) HOR 111**

**Location:** Arnold Arboretum, 125 Arborway, Jamaica Plain, MA

**Time:** 9:00am–3:00pm

*This event will earn 4 AOLCP credits.*

Mejore su conocimiento de horticultura y sus destrezas laborales. Esta clase enseñará lo básico de la horticultura y mantenimiento de césped y áreas verdes. Los temas a discutir son los siguientes:

- Mantenimiento del césped y paisaje
- Fertilidad de la tierra
- Salud y crecimiento de las plantas
- Técnicas de siembra y poda
- Evaluación de plantas
- Manejo seguro de equipo de horticultura

La clase se presentara en español en la reserva forestal Arnold Arboretum que está localizada en el 125 Arborway en Jamaica Plain, a pasos de la estación de Forest Hills (última estación del tren anaranjado). Se otorgaran certificados de participación a quien asista. El costo incluye el material necesario para la clase y café. Los estudiantes deberán traer su propio almuerzo. **El costo** de la clase es \$60. Register for this class [online](#) or by [phone/mail](#).

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*March 11, 2010*

### **UConn Perennial Plant Conference**

**Location:** Lewis B. Rome Commons, University of Connecticut, Storrs, Connecticut

**Time:** 8 a.m. - 4 p.m.

*Each of the following workshops has been approved for 1 AOLCP credit.*

#### **Edible Landscaping: The New American Garden** (at 1:45 )

**Presenter:** Rosalind Creasy, Author and Photographer, Los Altos, CA

One of today's gardening buzzwords is sustainable. You'd be hard put to find a more sustainable landscape style than an organically grown edible garden. Rosalind Creasy, pioneer in the field of edible landscaping, award-winning professional photographer, and author of the Complete Book of Edible Landscaping, will cover the entire A to Z of her recommended beautiful edible plants for Northeast gardens, an overview of the wide variety of edible landscapes, as well as the principles of landscape design particular to edibles.

#### **Why We Should Use Native Plants in our Perennial Borders** (at 11:30)

**Presenter:** Doug Tallamy, University of Delaware, Newark, DE

Because our managed landscapes are part of the terrestrial ecosystems that sustain humans and the life around us, we must keep them in working order. Doug will discuss the important ecological roles of the native plants in our landscapes, emphasize the benefits of designing gardens with these roles in mind, and explore the consequences of failing to do so. Gardening in this crowded world carries both moral and ecological responsibilities that we can no longer ignore.\*Pesticide Recertification Credit

#### **Management Techniques for Removal of Invasive Plants** (at 3:00)

**Presenter:** Donald Bishop, Gardens Are, Marlborough, MA

Donald will discuss organic invasive plant removal. Chemical treatment is commonly viewed as the only option available for invasive removal; however, successful organic invasive removal techniques have been developed and implemented by industry leaders. Organic techniques used for removing Japanese Knotweed, Phragmites, Asiatic Bittersweet, and other herbaceous perennials will be discussed. Physical, thermal, biological, and managerial methods will be covered. Other topics that will be covered include: identifying areas in

need of invasive removal, site analysis, creating appropriate management plan, wetland regulations, and management techniques that work! \*Pesticide Recertification Credit

The following workshop will earn **.5** AOLCP credit.

**Diseases of Perennials** (at 9:10)

**Presenter:** Gary Moorman, The Pennsylvania State University, University Park, PA

It can be mind-boggling to think about the hundreds of plants grown as herbaceous perennials and each is susceptible to certain diseases. But really, there are just a handful of plant pathogens that cause most of the problems on many different perennials. Gary will teach you to identify the key diseases and discuss how to manage them. The most important message is, 'Start with healthy plants!' \*Pesticide Recertification Credit

If you have questions about the conference, please contact Donna Ellis by [email](#) or telephone at (860) 486-6448. For directions, lodging, registration and other information, visit the program [website](#). Walk-in registrations are welcomed!

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*March 11, 2010*

**The Use of Aqueous Solutions from Vermicomposts in the Suppression of Plant Diseases of Tomatoes and Cucumbers**

**Location:** Jones Auditorium, The CT Agricultural Experiment Station, 123 Huntington St., New Haven, CT

**Time:** 11:00 a.m. (Tea at 10:30)

*This event has been approved for 1 AOLCP credit.*

Dr. Clive A. Edwards, Professor of Entomology and Environmental Sciences, The Ohio State University, is a world-renowned expert on earthworm biology and vermicomposting. He has authored over 400 scientific publications and edited or authored over 30 books on earthworms and soil ecology. He has served as Editor in Chief of Applied Soil Ecology and Advances in Agroecology. Dr. Edwards is a Fellow of the U.K. Royal Entomological Society of London, of the Institute of Biology, and of the U.K. Royal Society of Arts, and has received many awards for his distinguished contributions to science.

Phone: (203) 974-8500; Toll-Free: 1 (877) 855-2237; [Web Page](#).

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*March 11 & 12, 2010*

**Natural Lawn and Turf Management Training for Lawn Care Professionals and Municipal Officials**

**Location:** Wainwright House, 260 Stuyvesant Ave., Rye, NY 10580

**Time:** 8:30 a.m. to 4 p.m.

**Fee:** \$300; \$150 non-refundable deposit. \$270 NYSTLA and NOFA AOLCP.

*This class will earn 6 AOLCP credits.*

This course, presented by Chip Osborne of Osborne Organics, will teach how to transition properties from conventional programs using synthetic and chemical products to a natural organic system. Pre-registration required for limited space available. Fee Click [here](#) for the schedule. For further information, contact Osborne Organics by [email](#) or at 782-631-1468.

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March 11-12, 2010

**Environmental Landscape Design: Learning from Experience**

**Location:** Haverford College, Haverford, PA

**Time:** 8:15 a.m. to 3:15 p.m.

*The following workshops have been approved for 1.25 credits each.*

**Are All Plants Created Equal? The Unseen Link Between Nursery Culture and Landscape Performance (1¼ hrs.) Daniel Segal**

Native landscapes require tough plants for tough situations. This presentation will discuss how propagation methods, cultural techniques, age, and even place of origin can be included in plant specifications to increase plant survivability in the landscape.

**From Native Habitats to Your Landscapes: Domesticating Our Natural Plant Heritage(1¼ hrs.)**

**Jim Ault**

Successfully adapting our native plants to controlled landscapes ultimately depends on understanding their adaptations to natural ecosystems. Utilizing Midwestern ecosystems (woodlands, prairies, etc.) as his sources of germplasm, Jim Ault will discuss how he selects, modifies and utilizes native plants for garden use.

**Creating a Natural Areas Management Plan (1¼ hrs.)**

**Kenneth Thoman**

Clear goals and comprehensive site analysis are essential to developing successful management plans for landscapes at any scale. Kenneth Thoman will discuss how New Jersey's Monmouth County Park System establishes site-specific restoration goals and uses the Floristic Quality Assessment and Plant Stewardship Index to assess their fields, meadows and forests. He will also discuss how these plans can effectively dovetail with efforts to enhance landscape aesthetics.

**You Don't Know a Plant until You've Killed It (1¼ hrs.)**

**Larry Weaner**

Beautiful images of mature native gardens don't tell the whole story. In this presentation Larry Weaner will discuss some of the miscalculations and oversights that were instrumental in developing his current approach to garden creation.

**Trials, Tribulations, and Rewards: The Meadow Landscape at Longwood Gardens (1¼ hrs.)**

**Tom Brightman**

Developing the 35-acre meadow at Longwood Gardens was a long but successful process. Join land steward Tom Brightman as he examines the challenges and responses that led to the beautiful and diverse meadow landscape that exists today.

**Legacy Sediments: Historical and Current Perspectives for Designing in the Floodplain (1¼ hrs.)**

**Mark Gutshall**

Years of milling, damming, and forest clear-cutting caused huge sediment deposits, sometimes as high as twenty feet, in our floodplains, a condition that remains today. This presentation will consider how such a legacy affects planted and bioengineered storm water solutions in contemporary riparian and floodplain landscapes.

**Artful Disturbance: Designing for Change (1¼ hrs.)**

**Bob Brzuszek, ASLA**

Like a ship on the sea, vegetation in nature is in constant motion. Disturbance events like hurricanes, droughts, floods, and fires alter the trajectory, yet these devastations can at times yield even greater biodiversity. Bob Brzuszek will explore how thoughtful responses to natural disturbance and the introduction of intentional disturbance can translate into artful garden expressions.

**Nature & Culture in the Urban Landscape: New York City's High Line (1¼ hrs.)**

**Patrick Cullina**

New York City's High Line, a former elevated freight railroad, opened in 2009 to great acclaim as a unique public space. The park features naturalized plantings inspired by the tough, drought-tolerant grasses, wildflowers, shrubs, and trees that self-seeded on the track during over twenty years of disuse. Horticulturist Patrick Cullina will discuss the history, design, operations, and future of this evocative urban landscape in the sky.

*The following workshop has been approved for 1.5 credits.*

**Wilderness in New York: A Historical Portrait (1½ hrs.)****Eric W. Sanderson**

The Mannahatta project is a detailed, geographically-referenced vision of Manhattan Island as it might have appeared to Henry Hudson in 1609. Key to the Mannahatta landscape were the Lenape people, who used fire, horticulture and other management techniques to shape the landscape for thousands of years. Eric Sanderson will discuss the juxtaposition of the island and its people then with the city and its people today, providing ideas about alternative approaches to designing landscapes of the future wherever they are located.

*The following workshop has been approved for .5 credit.*

**From Mannahatta to the High Line & in Between (½ hr)****Bob Brzuszek, ASLA, Patrick Cullina, Mark Gutshall,****Eric W. Sanderson**

The panel will discuss how landscapes of the past, present and future can feed contemporary practices of landscape design.

Visit the [New Directions in the American Landscape website](#) for further information.

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*March 13, 2010*

**From the Ground Up: Soil Improvement**

**Location:** MOFGA's Common Ground Education Center, Unity, Maine

**Time:** 9:30 a.m. to 4 p.m. (Registration at 9 a.m.)

*This event will earn 4 AOLCP credits.*

9:50 AM Principles and Practices of Ecological Management of Soil

Fred Magdoff's presentation will be on the basic principles and practices of ecological management of soil. He will stress the importance of soil organic matter management in building better soils and how to do so, but also discuss other issues such as compaction and use of fertilizers and amendments.

11:00 AM Soil Management Panel Discussion

Following Fred's presentation he will be part of a panel with Sue Erich and Marianne Sarrantonio from the University of Maine and MOFGA's own Eric Sideman. The panel will be there solely to facilitate discussion and answer questions from the audience about soil management, so come prepared with your queries.

1:30 PM The Role of Compost

Will Brinton, President, Woods End Laboratory, Mount Vernon. For over thirty years Will has explored the way compost works, from production systems to its effect on plants. He'll share some of his knowledge, experience and observations.

3:00 PM Plant Health through Soil Fertility

Eliot Coleman, Four Seasons Farm, Harborside. Four Seasons Farm relies on building soil fertility as the basis of food quality. A side result has been a significant decrease in plant pests. Eliot will talk about the farm's soil-building strategy and how it all fits together.

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*March 13, 2010*

**Nutrient Density Course - Working the Soil**

**Location:** Lindentree Farm, 10 Old Concord Road, Lincoln, MA

**Time:** 9 a.m. to 5 p.m.

*This course has been approved for a total of 6 AOLCP credits.*

This six part course is presented by director of the Real Food Campaign, Dan Kittredge.

Dates: January 23, March 13, April 24, Sunday, June 27, August 29, October 31, 2010. Click [here](#) for more information.

This presentation, entitled "Working the Soil," will cover tillage and cover cropping to facilitate soil biological life; drip systems and foliar applications; and reading your soil test.

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*March 15, 2010*

**Turning Gray to Green: Developing Urban Natural Spaces and Native Plant Gardens**

**Location:** Westchester Community College (WCC) Valhalla Campus

**Time:** 8:30 a.m. - 4 p.m.

*The following event has been approved for 5 AOLCP credits.*

Relentless urban sprawl is stimulating an increasingly critical need for the preservation, restoration and creation of natural spaces and gardens within our towns and cities. Grassroots organizations often spearhead the initiative on projects that fulfill this need. Our presenters, representing the Big Three cities of the Northeast, will offer their insights into the particular challenges, pitfalls and tremendous rewards that are associated with this type of development. Brochure available online.

**Working from the Ground Up:**

**Stories from a Grass Roots Organization**

*Gretchen Schneider* - AIA, Boston Natural Areas Network

Boston urban gardeners have long been transforming vacant lots into vibrant gathering spaces, yet there's something new in their zeitgeist: national economic woes combined with the promotion of local food, environmental awareness, and do-it-yourself chic have spurred an increase in urban garden projects. This presentation features the work of The Boston Natural Areas Network which oversees 150 community gardens.

**Greening New York City One Block at a Time: Challenges, Opportunities and Progress**

*Amy Gavaris* - vice-president, New York Restoration Project

The mission of the New York Restoration Project is to carry out Founder Bette Midler's dream of a cleaner, greener New York City. NYRP restores and revitalizes under-resourced parks and community gardens throughout the city's five boroughs, working to ensure that every resident, family and neighborhood has access to vibrant, green spaces. This presentation will cover the evolution of the organization and its three main programmatic areas: Parks, Community Gardens and Milliontrees NYC.

**Making a Pot from the Shards: What it Really Takes to Restore Native Plant Communities and Habitats**

*Carol Franklin* - ASLA, Andropogon Associates

Landscapes that repair and celebrate each unique landscape are not easy to achieve. Examples of Andropogon Associates work will illustrate conceptual approaches, strategies, and the time, money, effort and sheer numbers of plants needed to actually achieve this ideal. This presentation introduces two new tools for understanding what needs to be done and evaluating the results - the Plant Stewardship Index and the Sustainable Sites Initiative.

Visit the [Native Plant Center website](#) for registration information.

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*March 16, 2010*

**Ecological Restoration** (103HRT351)

**Location:** NY Botanical Garden, Watson Building, Rm. 302, Bronx, NY

**Time:** Tuesday, 10 a.m.-3:30 p.m.

**Instructor:** Jay Archer, APLD

*This class will earn 2.5 AOLCP credits.*

Welcome to the exciting new field of ecological restoration. Learn to design sustainable natural landscapes using native plants and plant communities. Topics include increasing biodiversity, improving wildlife habitats and learning to conserve our precious natural resources. Management techniques include control of invasive species, wildlife management, and soil bioengineering. Learn about the complex relationship of the soil food web from compost teas to mycorrhizal and bacterial components of healthy soil. Guidelines and benchmarks for the Sustainable Site Initiative will be covered. To register, or for more information, call 718-817-8747 or register [online](#).

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*March 16 & 17, 2010*

**Natural Lawn and Turf Management Training for Lawn Care Professionals and Municipal Officials**

**Location:** Sturbridge Host Hotel, Sturbridge, MA

**Time:** 8:30 a.m. to 4 p.m.

**Fee:** \$300; \$150 non-refundable deposit. \$270 NYSTLA and NOFA AOLCP.

*This class will earn 6 AOLCP credits.*

This course, presented by Chip Osborne of Osborne Organics, will teach how to transition properties from conventional programs using synthetic and chemical products to a natural organic system. Pre-registration required for limited space available. Fee Click [here](#) for the schedule. For further information, contact Osborne Organics by [email](#) or at 782-631-1468.

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*March 16-17, 2010*

**Environmental Landscape Design: Learning from Experience**

**Location:** Connecticut College, New London, CT

**Time:** 8:15 a.m. to 3:15 p.m.

*The following workshops have been approved for 1.25 credits each.*

**Are All Plants Created Equal? The Unseen Link Between Nursery Culture and Landscape**

**Performance (1¼ hrs.) Daniel Segal**

Native landscapes require tough plants for tough situations. This presentation will discuss how propagation methods, cultural techniques, age, and even place of origin can be included in plant specifications to increase plant survivability in the landscape.

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*The following workshop has been approved for 1.5 credits.*



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Eric W. Sanderson**

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*March 17 & 24 and April 3, 2010*

**Fruit Orchards and Small Fruit Gardens****Location:** Berkshire Botanical Gardens, 5 West Stockbridge Rd., Stockbridge, MA 01262**Time:** Thursdays, 6 to 9 p.m. & Saturday, 10 a.m. to 4 p.m.**Instructor:** [Steven McKay, M.S.](#)**Cost:** \$ 145

*This event will earn 2 AOLCP credits.*

Learn about the art and science of planting and caring for a fruit orchard and berry garden. All aspects of establishing and cultivating a fruit garden will be covered including site and tree/berry selection, how and when to plant, cultivation and maintenance, fruit evaluation and pest control. Dwarf, semi-dwarf and standard size trees will be evaluated for space requirements. A special focus on how fruit with low pesticide use will be discussed candidly. The Saturday hands-on workshop will focus on the specifics of pruning stone and pome fruit trees, brambles, ribes and blueberries to maximize fruit production. Both small fruit varieties and semi-dwarf orchard trees will be available for pruning.

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*March 17-31, 2010*

**Sustainable Gardening Techniques (103GAR303)****Location:** NY Botanical Garden, Watson Building, Rm. 230, Bronx, NY**Time:** 3 Wednesdays, 10 a.m.–1 p.m.**Instructor:** Alan Gorkin

*This course has been approved for 6 AOLCP credits.*

Build on fundamental gardening techniques by learning a variety of environmentally focused practices. Emphasis will be placed on improving soil structure, enhancing soil microbial activity, and increasing nutrient levels through cultivation and tillage practices as well as growing cover crops and adding plant and animal waste. How to minimize external inputs and maximize natural processes such as capturing rain will be covered in detail. Prerequisite: Fundamentals of Gardening–GAR 301. \$213 non-member/\$191 member. To register, or for more information, call 718-817-8747 or register

[online](#).

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March 22, 2010

**Going Green with Marie Stella**

**Location:** Wellesley College, 106 Central Street, Wellesley, MA

**Time:** 10:30 a.m.

*This event will earn 2 AOLCP credits.*

Marie Stella takes to heart the Renaissance ideal of harmony between art and technology. She designed her teaching site and landscape laboratory, Beaver Lodge, on this principle to address and promote environmental awareness, reduced energy consumption, sustainability, and innovative uses of plant material. In this lecture Marie will present the process of building an energy efficient, sustainable house and integrating it with a responsibly managed landscape. Marie will highlight the ecological elements of Beaver Lodge, such as rain gardens, buffer zones, a vegetated roof, and green architecture, as encouragement for all to blend landscape, art, and technology for a green future. Class meets in the new Wellesley College Campus Center.

**Fee** \$15 member, \$18 nonmember. Register for this class [online](#) or by [phone/mail](#).

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March 25, 2010

**Organic Lawn Class for Professional Landscapers**

**Location:** Audubon Connecticut, 613 Riversville Road, Greenwich, CT 06831

**Time:** 8:30 to 11:30 a.m.

**Presenter:** Chip Osborne

**Cost:** \$20 per person

*This event will earn 3 AOLCP credits.*

An ideal class for landscapers who want to maintain lawns without dangerous and costly lawn care chemicals. Ample time for questions will follow the course. Topics include Why go organic?; the difference between conventional and natural lawn/turf care: products and practices; an overview of natural turf management--programs and protocol including costs and realities; insect, weed, and disease management, fertility management, and proper cultural practices. Email [Jeff Cordulack](#) or call 203-869-5272 x239 to register.

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March 25, 2010

**Edible Estates: Full Frontal Gardening** (103GAR801 Section C)

**Location:** NY Botanical Garden, Arthur & Janet Ross Lecture Hall, Bronx, NY

**Time:** 10 a.m. to 12 p.m.

**Presenter:** Fritz Haeg

*This course has been approved for 2 AOLCP credits.*

Fritz Haeg will present his ongoing project Edible Estates, replacing front lawns with diverse edible landscapes. Since 2005 he has planted gardens across the United States and in Europe, from Salina, Kansas to London, England. He will discuss the related social and environmental issues that the project addresses, and go back in time to look at the relationships between urban land use, the American diet, 20th-century city making, public vs. private property, wartime Victory Gardens, gardening as a form of activism and survival, and the growing interest in urban agriculture. To

register, or for more information, call 718-817-8747 or register [online](#).

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*March 26, 2010*

**The Living Landscape: Broadening Your Horizons**

**Location:** Westchester Community College Campus, Valhalla, NY

**Time:** 10 a.m. to noon

*This event will earn 2 AOLCP Credits.*

Environmentalist and landscape designer Jay Archer will explore ways in which we can move on from traditional landscape practices to eliminate potentially harmful pesticides, reduce lawn areas and introduce native plants to attract birds, butterflies and beneficial insects. He will also discuss the dynamics of water in the landscape environment and give firsthand tips on how to build a safe and comfortable outdoor space that conserves and protects our precious natural resources.

**Jay Archer** is a product of the New York Botanical Garden School of Professional Horticulture. He has studied at Rutgers University Center for Urban Ecology and has worked as an interpretative naturalist for The Nature Conservancy and Audubon. Jay has lectured extensively on stormwater management, wetland restoration and ecological landscape design and management. Jay is also an instructor at NYBG and erosion & sediment control professional.

Visit the [Native Plant Center website](#) for registration information.

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*March 27, 2010*

**Native Plants Saturday**

**Location:** NY Botanical Garden, Watson Building, Bronx, NY

**Time:** 10 a.m. - 4:45 p.m.

*The following workshops will earn 2 AOLCP credits each.*

**Native Alternatives to Invasive Plants** (103GAR299 Section A, 10 a.m.–12 p.m.)

Exotic invasive plants pose many threats to native ecosystems such as reducing biodiversity, altering nutrient cycling, and sometimes even hybridizing with native plant species. Many non-native invasive plant species have been introduced as garden plants that have then escaped into native habitats. Learn what “non-native invasive” means, how to identify and distinguish these culprits, how to control them, and which native plants are the best alternatives for any garden. Local native plant sources will be included. Presenter: Jessica Arcate.

**Ecological Design with Native Plants** (103GAR299 Section B: 10 a.m.–12 p.m.)

With current landscaping trends focusing on low maintenance and sustainability, utilizing native plants in ecologically-driven designs makes sense. Learn important ecological principles and gardening practices when designing meadows, wetlands, and forested landscapes. Gain an understanding of native plant community dynamics along with tips for implementing them in your landscape. Presenter: Brad Roeller.

**A Native Perennial Garden** (103GAR299 Section C: 12:30–2:30 p.m.)

Native plants often outperform their exotic counterparts in the perennial garden, and as their popularity grows, more exciting native perennials are available in garden centers across the country. Learn which natives are best suited to various landscapes (sun, shade, and a range of soil types), plus environmentally sensitive tips on growing and maintaining these perennials. Presenter: Brad Roeller.

To register, or for more information, call 718-817-8747 or register [online](#).

**Spring Wildflowers for Your Garden** (103GAR299 Section D: 12:30–2:30 p.m.)

One of the first signs in the Northeast that winter is ending is the emergence of a group of wildflowers known as spring ephemerals which include trout lily, spring beauty, trillium, and bloodroot. These plants complete their life cycle before the tree canopy has completely leafed out, taking advantage of the sunny conditions and cooler temperatures. Many ephemerals are easy to cultivate and will naturalize over time. Learn how best to utilize them in a garden setting and where they are sold. Presenter: Ulrich Lorimer.

**Propagating Native Plants** (103GAR299 Section E: 2:45–4:45 p.m.)

Many native plants are not available at nearby nurseries. Learn how to increase your population of native perennials, shrubs, and trees without breaking the bank by using various propagation methods, including cuttings, division, and seeds. Find out how to collect and store seeds, the best propagation method to use for specific plants, and materials you will need to be a successful propagator. Presenter: Sara Stopek.

**Native Plants for Wet Sites** (103GAR299 Section F: 2:45–4:45 p.m.)

Wet spots in the landscape offer gardening opportunities as well as challenges. Ponds, stream edges, and seasonally wet ground host a wealth of native plants that can beautify any property, large or small. Discover how to create gardens where native wildflowers, sedges, rushes, and woody plants provide intrigue, color, and texture to wetland sites. Presenter: Robert Naczi, Ph.D.

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*March 27, 2010 (Snow Date March 28)*

**Greenscapes: Variations on the Theme**

**Location:** Manchester Community College, Manchester, CT

**Time:** 8 am to 4 pm

*Each of the following workshops/keynotes will earn 1 AOLCP credit.*

**Just Because You're a Gardener Doesn't Mean You're Green!**

Ellen Zachos, keynote speaker, is proprietor of Acme Plant Stuff, a garden design company in NYC, as well as a garden writer and instructor at New York Botanical Garden. She is a Harvard graduate and received certificates

in horticulture and ethno botany from NYBG. She is a former Broadway performer and recently released her CD entitled *Green Up Time*. She notes that being a gardener doesn't mean you're an environmentalist. Many traditional gardening practices can harm local ecosystems. She will help us look at how to work with our home landscapes to create a fully organic environment. A review of sustainable gardening practices and garden designs that work to create a sense of place as well as encourage wildlife and pollinators will be included in the multi-pronged approach to becoming truly green.

**Managing the Environment: An Adaptive Challenge**

Closing Speaker, Eric T. Fleisher, Director of Horticulture at Battery Park City Parks Conservancy, is a national leader in the field of sustainable horticulture. He has brought this 37-acre oasis of parkland on the Hudson River to the forefront as the only public garden space in NYC to be maintained completely organically. His methods are based on the development of balanced soil ecology with an emphasis on composting, water conservation and the use of nontoxic means of pest and disease control. A frequent lecturer on sustainable practices, Fleisher also serves as consultant to Harvard University, the Rose F. Kennedy Greenway Conservancy in Boston and Bowdoin College among other

organizations. A 2008 Loeb Fellow at Harvard University, Fleisher is continuing to develop protocols to help landscapes recover from the 20th century's chemical interventions. Mr. Fleisher's closing lecture will describe the design and implementation of a sustainable landscape management program utilizing the high profile public parks at Battery Park City and the campus at Harvard University as models. He will identify the most important components required to successfully implement a sustainable landscape management program.

### **The Gravel Garden: Growing Perennials & Annuals Without Irrigation**

Presenter, Jenny Rose Carey, is Director of Ambler Arboretum of Temple University located outside Philadelphia. Born in England to a family of botanists and gardeners, she has gardened in the US for the last twenty-two years. She holds degrees from Universities of Southampton and Oxford as well as one in Horticulture from Temple. Jenny designs, maintains and offers garden tours of her four and a half acre organic theme gardens at her historic Victorian home called 'Northview'. Jenny's lecture will illustrate the tricks of design and installation using images from her gravel garden as well as other gardens around the world. She will define application of principles supporting healthier plants and ecosystems, involving less maintenance and fewer resources.

### **Your Backyard Revolution**

Presenter Tom Christopher is a garden writer with special interest in the environmental aspects of gardening for such publications as *Horticulture*, *Martha Stewart Living*, *House and Garden* and the *New York Times*. He

is currently writing a one-line column about sustainable gardening for the New York Botanical Garden website and is serving as editor for a projected Timber Press publication on sustainable gardening. Tom's lecture will identify a plan for cutting your landscape irrigation by thousands of gallons annually as well as turning your garden into a source of replenishment for the local water supply. He will demonstrate how this can be accomplished merely with a shovel and a hose!

### **Blended Gardens: Mixing Edibles & Ornamentals**

Presenter Nancy DuBrule-Clemente is owner of Natureworks Horticultural Services, established in 1983 as a fully organic garden center offering landscape design services as well as education on organic and sustainable practices through plant catalog, nursery website, workshops and lectures. She is past president of NOFA/CT and author of *Succession of Bloom in the Perennial Garden*. Nancy's lecture will illustrate incorporation of edibles into existing ornamental borders, flower gardens and containers. Explore the ornamental qualities of these plants which can make your garden more practical and exciting.

### **Native Trees and Shrubs for the Home Garden**

Presenter Leslie Duthie has been a staff horticulturist at Norcross Wildlife Sanctuary for over twenty-five years. Her responsibilities include propagation and installation of a variety of native plant species as well as maintenance of habitat gardens. educationally-oriented organizations. England Wildflower Society or other plant species as well as maintenance of habitat gardens. Her lectures focus primarily on the importance of native plants and their connection to native wildlife species whether under sponsorship of Norcross, New England Wildflower Society or other educationally-oriented organizations. Leslie's lecture will focus on the use of native trees and shrubs to make the home landscape more attractive for native wildlife. Many of our natives are overlooked when planning a garden. Shrubs can provide flowers, berries, color, winter interest and habitat for many of our wildlife species. Some lesser known trees and shrubs ideal for growing in New England will be discussed.

### **Great Ferns for the Northeastern Garden**

Presenter John Mickel, PhD served as Curator of Ferns at New York Botanical Garden for thirty-eight

years. He is the world authority on cultivation of cold hardy ferns. He has written eleven books on ferns including *Ferns for the American Garden* which was included in the American Horticultural Society's list of Great American Garden Books. He founded the New York Chapter of the American Fern Society and has established fern gardens throughout New York State including New York Botanical. Mr. Mickel's lecture will show how ferns make great deer-resistant garden plants with their marvelous variation in size, dissection, and color. As the most overlooked and underutilized class of perennial plants, their ease of cultivation and placement among other perennials will be illustrated.

### **Responsible Gardening for the 21st Century: The Sustainable Landscape**

Presenter Marie Stella holds graduate certificates in Landscape Design and Landscape Design History from Radcliffe College. Her design firm, Kirin Farm Enterprises specializes in environmental landscapes, thematic gardens and initiatives to foster preservation of open space. Her latest design project is a Platinum-certified LEED (Leadership in Energy and Environmental Design) home and sustainable landscape called Beaver Lodge. It is used as a teaching site for classes featuring the innovative use of plant material, rain garden construction, green roofs, vegetated walls, rainwater harvesting and organic vegetable gardening. Marie's lecture will identify the integrated process of building an energy efficient sustainable house and seamlessly blending it into a sustainable landscape. This presentation explores reduction of natural resource consumption, identification of conservation methodologies, selection of and investment in healthy green materials and promotion of innovative uses of plants.

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*March 27, 2010*

### **MA Land Conservation Conference**

**Location:** Worcester Technical High School, Worcester, MA

**Time:** 9 a.m. to 4 p.m. (Registration at 9 a.m.)

*The following workshops were approved for 1.5 AOLCP credits each.*

### **Land Trusts and Agriculture: Starting and Managing Community Farms and Gardens**

(Session 1 | 10 – 11:30AM)

Christy Foote-Smith, Mass Audubon, Jennifer Holske, The Trustees of Reservations, Casey Burns, Regional Environmental Council of Central MA

### **Restoring Conservation Lands and Assessing Ecological Restoration Opportunities**

(Session 2 | 12:45 – 2:15PM)

Tim Purinton, MA Dept. of Fish & Game, Division of Ecological Restoration, Hunt Durey, MA Dept. of Fish & Game, Division of Ecological Restoration.

### **Managing Early Successional Habitat for Wildlife**

(Session 3 | 2:30 – 4PM)

Julie Richburg, The Trustees of Reservations, Tracy Grazia, MassWildlife

Visit the MA Land Conservation [website](#) for further information.

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*April 1 to May 13, 2010*

### **Introduction to Plant Science 104HRT300**

**Location:** New York Botanical Garden, Bronx, NY

**Times:** Section A: 7 Thursdays, 3–5:20 p.m.

Section B: 7 Thursdays, 6:15–8:35 p.m.

Section C: 5 Saturdays, April 10–May 8, 10 a.m.–1:10 p.m.

*This class has been approved for 4 AOLCP credits.*

Designed for students who want a user-friendly introduction to plant science, this course surveys the major groups of plants—flowering plants, conifers, ferns, and bryophytes—focusing on plant form and structure. Learn about the relationships between form and function, ecology, systematics, and evolution, and become botanically literate. Gain practical experience in dissecting and analyzing plant structures. To register, or for more information, call 718-817-8747 or register [online](#).

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*April 3, 2010*

### **Protect and Enhance Watercourses**

#### **Establishing a Vegetative Buffer Zone by Rivers and Streams**

**Location:** Kent School Auditorium, 1 Macedonia Road, Kent, CT

**Time:** 3 to 5 p.m.

*This event will earn 2 AOLCP credits.*

#### **3PM – The Benefits Of A Healthy Buffer Zone**

Sean Hayden, Soil Scientist for the Northwest Conservation District, will explain the importance of buffer zones.

#### **3:30PM - Landscaping Techniques And The Best Plants To Use To Enhance Watercourses**

Kyle Turoczi, Soil Scientist and Wetland Ecologist with Earth Tones Native Plant Nursery.

4PM - Meet the experts and walk with them to view nearby erosion problems on the banks of the Housatonic River.

For more information call Lynn Fowler at (860) 824-8073

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*April 6, 13, 27, 2010*

**Location:** Arnold Arboretum, 125 Arborway, Boston, MA

**Time:** 6:30–8:30 pm

*This course will earn 3 AOLCP credits.*

Learn the where, what, and why of urban vegetable gardening with horticulturist Abby Hird. Raised on a Nebraska farm, educated in horticulture, and now living here in Boston, Abby Hird will talk about her gardening adaptations in the city environment. She will guide you through site evaluation, plant selection, and common problems and possible solutions in raising home-grown food. She'll also talk about community resources for gardening, ideas for maximizing yield from a small plot, as well as ways to grow food more sustainably. This class is for nascent gardeners and those who have been frustrated by previous run-ins with vegetables. **Fee** \$60 member, \$72 nonmember. Register for this class [online](#) or by [phone/mail](#).

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*April 8, 2010*

### **Garden Plants Great and Small HOR 131**

**Location:** Arnold Arboretum, 125 Arborway, Boston, MA

**Time:** 6:30–8:30pm

*This event will earn 2 AOLCP credits.*

Low-growing and ground-covering woody plants can add texture, unity, and dimension to even the smallest of gardens. In fact, these can be the perfect solution for the city gardener—small, low-maintenance plants that help to shade out weeds while adding interest. They can be used in many ways; for example, to accentuate pathways or control erosion, as dwarf hedging, as a surround for spring bulbs, and even to distract from the “bare ankles” of taller shrubs. Horticulturist Jen Kettell will show some of her favorites appropriate for a variety of site conditions and design uses. **Fee** \$20 member, \$25 nonmember. Register for this class [online](#) or by [phone/mail](#).

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*April 10, 2010*

### **The Lowdown on Gardening Down Low**

**Location:** Vermont Technical College, Randolph, VT

**Time:** 9 a.m.-2 p.m.

*This event will earn 4 AOLCP credits.*

Three inspiring gardeners share their experience and knowledge about creating that all-important lower layer in the garden. Whether you are looking for tips about plants that tolerate shade under a canopy, native groundcovers that require low maintenance, or “survivalist” plants that grow in alpine crevices, you will benefit from our experts’ advice at this day-long symposium.

#### **Crevice Gardening**

Gardening first in the northeast, then moving on to the Rockies, Cascades, Wallowas and the Alps, and Dolomites in Europe, Ann Spiegel is now back in the New York hills, not far from Poughkeepsie, in a dry, windy 4b zone. Her garden is on a steep area of stepped ledges, ending in a small cliff. Anne shares her knowledge of crevice gardening, using both wild and garden plants that thrive in her harsh conditions, where it is never possible to water.

#### **Under the Canopy: Shade Gardening with Native Plants**

In his role as Botanic Garden Director for New England Wild Flower Society at Garden in the Woods, Scott LaFleur knows that not all shade is created equal. Scott discusses the layers of a woodland garden and how to plan and plant accordingly. Discover how to look past flowers to texture, shades of green, and the interaction of light.

#### **Groundcovers for Northeast Gardeners**

With a lifetime of experience in horticulture, art, botany, and environmental protection, Mary Crain Penniman shares a wealth of knowledge with her presentation on choice groundcover plants for low maintenance. The natural world gives us myriad examples of ground covering plants that New Englanders can model in their own gardens. There is a right groundcover for every place. This presentation explores the subject, asking which are the most choice plants and which are the hardest workers. Contact the registrar at 508-877-7630, ext. 3303.

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*April 10, 2010*

### **Spend a Morning with the National Wildlife Federation**

**Location:** Westchester Community College Campus, Valhalla, NY

**Time:** 10 a.m. to 1 p.m.

*This event will earn 3 AOLCP credits.*

Join representatives from the National Wildlife Federation for a fun and informative morning. NWF Media Spokesperson and Naturalist, David Mizejewski, will present: *Designing a Wildlife Garden for*



*the Home Landscape*, in which he will show you how to create a beautiful nature-friendly landscape that is an integral part of your daily life. Next, Curtis Fisher's lecture: *Safeguarding the Northeast's Wildlife, Natural Resources and Communities in a Warming Climate*, outlines how NWF's Northeast Regional Center is working on regional, state and local strategies to make ecosystems more resilient to climate change and adopt policies that protect wildlife and people in our area. The National Wildlife Federation will also staff an information table to answer questions and distribute educational publications.

**Curtis Fisher** is the regional executive director for NWF's Northeast Regional Center. He oversees programs that connect families to nature, promote global warming solutions, and protect wildlife, natural resources and communities from the impacts of global warming. He serves on the U.S. Fish and Wildlife Service's Northeast Landscape Conservation Cooperative Steering Committee and is co-chair of the NY Climate Action Council's subcommittee on climate adaptation.

**David Mizejewski** is a naturalist, author, blogger and media personality with National Wildlife Federation. He holds a degree in Human and Natural Ecology from Emory University and is an expert on wildlife, our environment and green lifestyles. David is dedicated to helping others understand the wonders of the natural world and how to live sustainably. He regularly appears on a variety of national television networks.

Visit the [Native Plant Center website](#) for registration information.

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*April 10, 2010*

### **Planting Design in Multiple Dimensions HOR 331**

**Location:** Arnold Arboretum, 125 Arborway, Boston, MA

**Time:** 9:30am-3:00pm

*This event will earn 4 AOLCP credits.*

Explore the tao of planting design-the expression of form, texture, color, and line-that reveals the beauty of trees, shrubs, and herbaceous perennials in a cohesive garden or landscape. Each of these expressions can be experienced through touch, vision, or movement. However, in the design process they are often considered at the intellectual level only as abstractions. Landscape designer and horticulturist Warren Leach will help participants to blend the ideals of design with the realities of horticulture as he teaches his view of planting design. Whether planning a mixed border, contemplative garden space, or entry garden where plants counterbalance architectural forms, Warren's approach emphasizes the inherent beauty of leaves, twigs, and flowers in stunning combinations in which plants become the predominant architecture of the garden. **Fee** \$65 member, \$78 nonmember.

Offered in collaboration with New England Wild Flower Society. Register for this class [online](#) or by [phone/mail](#).

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*April 10, 2010*

### **Pruning Workshop with Lee Reich**

**Location:** Lee's garden at 387 Springtown Rd., New Paltz, NY

**Time:** 2-5:30 pm

**Cost:** \$35 per person with pre-registration before April 6th, \$40 otherwise

*This workshop will earn 3.5 AOLCP credits.*

This hands-on (my hands) workshop will cover:

- When is the best time to prune

- The “tools of the trade”
- How plants – all plants – respond to various kinds of pruning cuts
- Pruning demonstrations of a sampling of specific plants such as apple trees, raspberry bushes, lilac bushes, blueberry bushes, butterfly bushes.

After this workshop, you will feel comfortable, confident, and confident in pruning any plant! Limited space so pre-registration is necessary. Register by sending a check to Lee at the above address.

Questions? [Email](#) or call 845-255-0417.

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*April 10, 2010*

**WOW—Botany is Exciting! BOT 103**

**Location:** Wellesley College, 106 Central Street, Wellesley, MA

**Time:** 9:30am–2:30pm

*This event will earn 2 AOLCP credits.*

Do you love plants and want to understand them better? Enjoy early arrival of spring in the WCBG Greenhouses as Carol Govan introduces botany using basic terminology, direct observations and journaling to explore basic plant morphology (seeds, roots, shoots, flowers and fruit). No previous experience is necessary. Class meets at the Wellesley College Botanic Gardens Visitor Center. **Fee** \$50 member, \$65 nonmember. Register for this class [online](#) or by [phone/mail](#).

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*April 10, 2010*

**Invasives: ID, Ecology, and Control**

**Location:** Yale Peabody Museum, Whitney Ave., New Haven, CT

**Time:** 10 a.m.-2 p.m.

*This event will earn 2 AOLCP credits.*

This course provides an introduction to about 40 of the most common invasive non-native plants in our local landscapes. Through lecture, discussion, power-point presentation, herbarium specimens, and a walk outside, become familiar with identification clues as well as the habits of a number of these plants that are so disruptive of natural ecosystems. Instructor Ted Elliman discusses management techniques for many of these species, on both a home and a landscape scale. The Invaders issue of the Society’s magazine, as well as the MA Field Guide to Invasives, will be available for purchase at a discount. Fee: \$44 (Member) / \$52 (Nonmember). Cosponsored by New England Wild Flower Society and Yale Peabody Museum. Pre-registration is necessary, contact the registrar at 508-877-7630, ext. 3303.

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*April 10 to May 15, 2010*

**Ornamental Woody Plants : Spring Trees and Shrubs 104HRT334 Section A**

**Location:** NY Botanical Garden - Bronx, NY

**Time:** 5 Saturdays, April 10–May 8, Exam May 15, 10 a.m.–12:25 p.m.

*This class has been approved for 6 AOLCP credits.*

Learn the identification, classification, and landscape use of spring-flowering trees and shrubs. Major plant groups include *Magnolia*, *Malus*, *Prunus*, *Viburnum*, and other genera, which are particularly ornamental in the spring. The class goes out on the grounds rain or shine. *Recommended*

*Prerequisite: Introduction to Plant Science–HRT 300.* To register, or for more information, call

718-817-8747 or register [online](#).

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*April 11 and 18, 2010*

**More Fruit, Please! Expanding Your Home Harvest**

**Location:** Hunnewell Building, Arnold Arboretum, 125 Arborway, Boston, **MA**

**Time:** 1 to 3 p.m.

**Fee** \$45 member, \$50 nonmember

*This event will earn 1 AOLCP credit.*

With proper planning and plant selection, fruiting trees and shrubs can be an attractive and low-maintenance option for growing food in the home landscape. Former City Fruit program director for Earthworks, Ben will provide basic tips and outline resources for planning, planting, tending and harvesting a home orchard. Learn the particulars of growing blueberries, apples, pears, plums and other less common fruit. There's nothing fresher than home grown. Register for this class [online](#) or by [phone/mail](#).

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*April 12, 2010*

**Conservation Arboriculture**

**Location:** Sessions Woods Wildlife Management Area, Burlington CT

**Time:** 8 a.m. to 4:30 p.m.

*This event will earn 4 AOLCP credits.*

This event is organized by the Connecticut Forest and Park Association. Consulting Arborist Phillip van Wassanaer is the main speaker, and the workshop will include a discussion of the concepts of conservation arboriculture, the techniques useful to tree risk assessment and an outdoor demonstration of Picus sonic tomography as a means of assessing the tree's structural integrity. Visit the [home page](#) of the CT Forest & Park Association for Upcoming Events to find the detailed description and the registration form Pre-registration required: \$80.00 \*\*Must be postmarked by March 31, 2010\*\* After March 31, and at the door: \$95.00 QUESTIONS? Contact Dr. Robert Marra, Connecticut Agricultural Experiment Station; robert.marra@ct.gov or 203-974-8508.

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*April 12–May 24*

**Soil Science I: Physical Properties 104HRT301 Section A**

**Location:** NY Botanical Garden, Bronx, NY

**Time:** 6 Mondays, April 12–May 17, 6:15–9:15 p.m.

*This class has been approved for 4 AOLCP credits.*

Through lectures and labs, learn about the development and physical properties of soils and gain an understanding of soil complexity and the dynamic relationship that exists between mineral soils and water. This course focuses on texture, structure, porosity, permeability, and density, and explores irrigation strategies, drainage, erosion control techniques, and soil surveys. To register, or for more information, call 718-817-8747 or register [online](#).

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*April 15, 2010*

**Insect Laboratory: Hands-on Identification and Management Strategies****Location:** UMass Cranberry Station, 1 State Bog Rd., E. Wareham, MA**Time:** 9 am to 3:30 pm**Instructors:** Bob Childs, UMass Ext. Entomologist; Deborah Swanson and Roberta Clark, Ext. Educators

*This event will earn 4 AOLCP credits.*

Participants will examine actual specimens in a teaching lab with the use of microscopes. Such pests as scale insects, gall formers, spider mites, leaf miners, and much more will be examined closely with different species and life stages being identified. Also, displays of preserved insect specimens such as the Asian Longhorned Beetle and Winter Moth will be examined in order to teach the participant how to identify and discern the important pest species in the

Massachusetts landscape and nursery. This is an opportunity to hone your IPM monitoring skills and to become a better IPM and Plant Health Care practitioner. Registration deadline is 2 days before the meeting date. Cost is \$100 (no group discount is available for this workshop). Make checks payable to University of Massachusetts and mail to: Insect Labs, UMass Extension, French Hall, 230 Stockbridge Rd., MA 01003-9316.

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*April 16, 2010*

**Designing Your Garden with Northeastern Flora: A Personal View****Location:** Westchester Community College Campus, Valhalla, NY**Time:** 10 a.m. to noon

*This event will earn 2 AOLCP credits.*

Author and landscape designer Carolyn Summers will present an informative review of current research that reveals the many ways in which indigenous (native) plants form the basis of the food web and support a healthy landscape. She will then offer a selection of striking design alternatives using native plants in place of more commonly used exotics in a variety of traditional styles. Copies of Carolyn's newly released book *Designing Gardens with Flora of the American East* may be on sale at the lecture.

**Carolyn Summers** is an adjunct professor for continuing education at Westchester Community College and a technical assistant to The Native Plant Center. She holds a Landscape Architecture degree from City College of New York and works with government and non-government organizations on environmental/landscape projects. Carolyn maintains native plant demonstration gardens that she has created on her two family properties.

Visit the [Native Plant Center website](#) for registration information.

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*April 17, 2010*

**Landscape Design for the Natural Garden****Location:** Montshire Museum, Norwich, VT**Time:** 11 a.m. to 12 noon

*This event will earn 1 AOLCP credit.*

Gardening sensitively with native plants that suit the local landscape has many benefits, both environmental and ecological. Join landscape designer Liz Krieg to explore gardens that utilize indigenous and non-invasive perennials and grasses. These beautiful gardens function as low maintenance, water conserving, and erosion controlling communities. Fee: \$15 (Member) / \$18

(Nonmember). Cosponsored by New England Wild Flower Society and Montshire Museum. Pre-registration is necessary, contact the registrar at 508-877-7630, ext. 3303.

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*April 17, 2010*

**Invasive Plants: ID, Ecology, and Control**

**Location:** NEWF Society, Garden in the Woods, 180 Hemenway Road, Framingham, MA

**Time:** 10 a.m. to 2 p.m.

**Fee** \$44 member, \$52 nonmember

*This event has been approved for 2 AOLCP credits.*

Get a head start on invasive control this year by learning to identify invasives in the early season. This course provides an introduction to about 40 of the most common invasive non-native plants in our local landscapes. Through lecture, discussion, power-point presentation, herbarium specimens, and a walk outside, become familiar with identification clues as well as the habits of a number of these plants that are so disruptive of natural ecosystems. Discuss management techniques for many of these species, on both a home and a landscape scale. The Invaders issue of the Society's magazine, as well as the MA Field Guide to Invasives, will be available for purchase at a discount. Register for this class [online](#) or by [phone/mail](#).

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*April 21–May 26, 2010*

**Ornamental Woody Plants : Spring Trees and Shrubs 104HRT334**

**Location:** NY Botanical Garden, Bronx, NY

**Times:** Section B: 6 Wednesdays, April 21–May 26, 10 a.m.–12 p.m.

Section C: 6 Wednesdays, April 21–May 26, Exam June 2, 5:30 –7:30 p.m.

*This class has been approved for 6 AOLCP credits.*

Learn the identification, classification, and landscape use of spring-flowering trees and shrubs. Major plant groups include *Magnolia*, *Malus*, *Prunus*, *Viburnum*, and other genera, which are particularly ornamental in the spring. The class goes out on the grounds rain or shine. *Recommended Prerequisite: Introduction to Plant Science–HRT 300.* To register, or for more information, call 718-817-8747 or register [online](#).

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*April 24, 2010*

**Planting and Transplanting: Demonstrated Techniques for Trees and Shrubs**

**Location:** Dana Greenhouse, Arnold Arboretum, 1050 Centre Street, Boston, MA

**Time:** 9 a.m. to 1 p.m.

**Fee** \$40 member, \$48 nonmember

*This event has been approved for 4 AOLCP credits.*

Setting out young trees and shrubs is a major spring gardening task. Learn planting and transplanting techniques that will give a new tree or shrub the best chance of survival. John DelRosso will cover planting-hole preparation, settling the plant in, finishing touches, and maintenance. After the lecture, he will demonstrate these techniques in the Arboretum's nursery. Dress for the outdoors. Register for this class [online](#) or by [phone/mail](#).

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*April 24, May 1, 8, 15, 2010*

**Steps to a Better Garden: Starting from the Ground Up!**

**Location:** Hunnewell Building, Arnold Arboretum, 125 Arborway, Boston, MA

**Time:** 1 to 3:30 p.m.

**Fee** \$100 member, \$120 nonmember

*These classes have been approved for a total of 6 AOLCP credits.*

Peter Medaglia, an organic and sustainable landscape designer and farmer, will present the fundamentals of organic gardening in simple terms. He will discuss problems commonly encountered in new or existing gardens and make suggestions for assessing, planting, designing and maintaining which can change your garden for the better, "from the ground up!" This is not a class about lawn care or vegetable gardening, but a class on landscaping. Participants are encouraged to bring home garden photos (as it looks now, and in full summer growth if available) to the first meeting. Register for this class [online](#) or by [phone/mail](#).

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*April 24, 2010*

**Nutrient Density Course - Working with Plants**

**Location:** Lindentree Farm, 10 Old Concord Road, Lincoln, MA

**Time:** 9 a.m. to 5 p.m.

*This six-session course has been approved for a total of 6 AOLCP credits.*

This course is presented by director of the Real Food Campaign, Dan Kittredge.

Dates: January 23, March 13, April 24, Sunday, June 27, August 29, October 31, 2010. Click [here](#) for more information. This class will cover plant sap analysis (brix); "male" vs. "female" foliars and drenches; soil conductivity and pH; and seeding and transplanting with biological inoculants.

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*April 29, 2010*

**Scouting for Pests & Problems of Woody Ornamentals: Weeds & Diseases**

**Location:** Arnold Arboretum, Jamaica Plain, MA

**Time:** 5-7 p.m.

*This event has been approved for 1 AOLCP credit.*

ID is the first step in intelligently deciding what next steps to take when dealing with problems in the landscape. Hands-on, in-the-field observation of symptoms is a very effective way to hone identification skills. Cost is \$50; \$45 per person for three or more registrations from the same company (10% discount). Dress for walking; workshops are held rain or shine. Bring a clipboard, pencil and hand lens if possible. Make checks payable to University of Massachusetts and mail to: IPM Workshops, UMass Extension, French Hall, 230 Stockbridge Rd., MA 01003-9316. Registration is limited.

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*May 20, 2010*

**Tree Decay-Concepts in Compartmentalization and Detection**

**Location:**

**Time:** (Details have been requested and will be posted when available.)

*This event will earn \_\_\_\_ AOLCP credits.*

This event was organized by the Connecticut Tree Protective Association. Dr. Kevin Smith of the US Forest Service (successor to Dr. Alex Shigo) will be the speaker. The workshop will discuss the latest concepts relating to compartmentalization as a key survival process for trees and help attendees better understand the structural indicators of decay, defect, and risk. Also, the "state of the art" with regards to various methods of decay detection and the tradeoffs among them will be discussed. Further details will be available shortly at the Connecticut Tree Protective Association [website](#).

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*May 21, 2010*

### **Tree Survival and Response to Injury, Infection, and Environmental Change**

**Location:** Jones Auditorium, 123 Huntington Street, New Haven, CT

**Time:** 11 a.m to noon

*This event will earn 1 AOLCP credit.*

Dr. Kevin Smith of the US Forest Service will be the speaker at this Lockwood Lecture, organized by the Connecticut Agricultural Experiment Station.. This lecture will be preceded by tea at 10:30. The lecture is free and open to the public. Further details will be available at the CT Agricultural Experiment Station [website](#).

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*May 27, 2010*

### **Inland Wetland Plant Identification**

**Location:** U Mass, Amherst, MA

**Time:** 9 am to 3:30 pm

**Presenter:** Dr. Deborah Picking, UMass Department of Plant, Soil, and Insect Sciences.

*This event will earn 4 AOLCP credits.*

This introduction to inland wetland plant identification will begin with an overview of the major characteristics of woody and non-woody vegetation used for identification in most plant keys. Guided exercises will be used in a classroom/ laboratory setting to practice keying out plant specimens collected from local wetland sources. An afternoon field trip to a local wetland will allow opportunity to practice identification skills in a natural setting. Related topics such as plant adaptations to wetland hydrology and the concept of "hydrophytic" vegetation will also be discussed. Required Text: Field Guide to Nontidal Wetland Identification, by Ralph W. Tiner, Jr. (Cost of \$25 for text not included in registration fee. Please indicate when registering if you wish to purchase a copy of this field guide.) Send registration to: Wetlands, UMass Extension, French Hall, 230 Stockbridge Rd., Amherst, MA 01003. Click [here](#) for directions. Make checks payable to UMass.

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*June 3, 2010*

### **Scouting for Pests and Problems of Woody Ornamentals: Insects, Weeds, Cultural Problems**

**Location:** Bridgewater State College, Bridgewater, MA:

**Time:** 5-7 PM

*This event will earn 1 AOLCP credit.*

ID is the first step in intelligently deciding what next steps to take when dealing with problems in the

landscape. Hands-on, in-the-field observation of symptoms is a very effective way to hone identification skills. Cost is \$50; \$45 per person for three or more registrations from the same company (10% discount). Dress for walking; workshops are held rain or shine. Bring a clipboard, pencil and hand lens if possible. Make checks payable to University of Massachusetts and mail to: IPM Workshops, UMass Extension, French Hall, 230 Stockbridge Rd., MA 01003-9316. Registration is limited.

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*June 3, 2010*

### **Identifying Inland Wetland Soils**

**Location:** UMass- Amherst, MA

**Time:** 9 am to 3:30 pm

**Presenter:** Dr. Deborah Picking, UMass Department of Plant, Soil, and Insect Sciences

*This event will earn 4 AOLCP credits.*

Participants will be introduced to some of the fundamental characteristics of soils that are used to identify hydric (wetland) soils in the field -- including soil texture,color, horizon type and redoximorphic features. The afternoon will include a field trip to a local wetland where participants will examine plants and soils along a wetland/ nonwetland gradient. Plant communities will be used to locate transitional wetland-upland areas in the landscape for further investigation of their soil characteristics. Participants should have taken Training Session I of this series or be able to identify wetland vegetation (by permission of instructor). Send registrationto: Wetlands, UMass Extension, French Hall, 230 Stockbridge Rd., Amherst, MA 01003. Click [here](#) for directions. Make checks payable to UMass.

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*June 8-July 13, 2010*

### **Soil Science I: Physical Properties 104HRT301 Section B**

**Location:** NY Botanical Garden, Bronx, NY

**Time:** 6 Tuesdays, June 8-July 13, Exam July 20, 2-5 p.m.

*This class has been approved for 4 AOLCP credits.*

Through lectures and labs, learn about the development and physical properties of soils and gain an understanding of soil complexity and the dynamic relationship that exists between mineral soils and water. This course focuses on texture, structure, porosity, permeability, and density, and explores irrigation strategies, drainage, erosion control techniques, and soil surveys. To register, or for more information, call 718-817-8747 or register [online](#).

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*June 26, 2010*

### **Air Spading Workshop**

**Location:** The Perkins School, Watertown, MA

**Time:** 10 a.m.-2 p.m.

**Instructor:** Sonia Baerhuk, Lead Groundsperson, Perkins School for the Blind

**Fee:** \$32 (Member) / \$36 (Nonmember)

*This event will earn 4 AOLCP credits.*

Airspading is a new method of excavating the roots of a tree using a "gun" called an airspade, or airknife and a compressor. The dirt is blown off the roots of the tree, making it lighter and easier to



move. Unlike traditional methods, airspading captures 80-90% of the roots without a heavy root-ball. More roots for the tree mean a healthier transplant. With new construction projects at the Perkins School, many large trees are being transplanted with this technique. Observe the various parts of the transplanting process, hear about the rationale for and the operation of the airspade, and then visit trees that have been transplanted with this technique to observe their overall health.

Limit: 15. For further information, contact [Bonnie Drexler](#), Education Director, [New England Wild Flower Society](#).

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*June 27, 2010*

**Nutrient Density Course: Optimizing Growth, Health & Quality**

**Location:** Lindentree Farm, 10 Old Concord Road, Lincoln, MA

**Time:** 9 a.m. to 5 p.m.

*This six-part course has been approved for a total of 6 AOLCP credits.*

This course is presented by director of the Real Food Campaign, Dan Kittredge.

Dates: January 23, March 13, April 24, Sunday, June 27, August 29, October 31, 2010. Click [here](#) for more information.

This class will cover long-term mineral management and whole farm system building; monitoring and trouble-shooting disease; insects and weeds and what they tell about soil condition; plant physiology and growing cycle; and foliar and drench applications to maximize yield and quality.

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*August 29, 2010*

**Nutrient Density Field Course--Completing the Season in Style**

**Location:** Lindentree Farm, 10 Old Concord Road, Lincoln, MA

**Time:** 9 a.m. to 5 p.m.

*This six-part course has been approved for a total of 6 AOLCP credits.*

This course is presented by director of the Real Food Campaign, Dan Kittredge.

Dates: January 23, March 13, April 24, Sunday, June 27, August 29, October 31, 2010. Click [here](#) for more information.

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*September 25 to October 23, 2010*

**Ornamental Woody Plants : Fall Trees and Shrubs 111HRT331 Section A**

**Location:** NY Botanical Garden, Bronx, NY

**Time:** 4 Saturdays, Sept. 25–Oct. 23, 10 a.m.–1 p.m.

*This class has been approved for 6 AOLCP credits.*

Explore the identification and landscape use of major groups of shade trees and shrubs grown for ornamental foliage and fruit. Major groups studied include *Acer*, *Quercus*, *Viburnum*, and other genera, which are particularly ornamental in autumn. The continuation of this course is *Ornamental Woody Plants: Spring Trees and Shrubs*. The class goes out on the grounds rain or shine.

*Recommended Prerequisite: Introduction to Plant Science– HRT 300.* To register, or for more information, call 718-817-8747 or register [online](#).

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September 30, 2010

**Scouting for Pests and Problems of Woody Ornamentals: Diseases & Weeds**

**Location:** Holy Cross College, Worcester, MA

**Time:** 4-6 p.m.

*This event will earn 1 AOLCP credit.*

ID is the first step in intelligently deciding what next steps to take when dealing with problems in the landscape. Hands-on, in-the-field observation of symptoms is a very effective way to hone identification skills. Cost is \$50; \$45 per person for three or more registrations from the same company (10% discount). Dress for walking; workshops are held rain or shine. Bring a clipboard, pencil and hand lens if possible. Make checks payable to University of Massachusetts and mail to: IPM Workshops, UMass Extension, French Hall, 230 Stockbridge Rd., MA 01003-9316. Registration is limited.

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October 1 to November 5, 2010

**Ornamental Woody Plants : Fall Trees and Shrubs 112HRT331 Section B**

**Location:** NY Botanical Garden, Bronx, NY

**Time:** 6 Fridays, Oct. 1–Nov. 5, 1–3 p.m.

*This class has been approved for 6 AOLCP credits.*

Explore the identification and landscape use of major groups of shade trees and shrubs grown for ornamental foliage and fruit. Major groups studied include *Acer*, *Quercus*, *Viburnum*, and other genera, which are particularly ornamental in autumn. The continuation of this course is *Ornamental Woody Plants: Spring Trees and Shrubs*. The class goes out on the grounds rain or shine. *Recommended Prerequisite: Introduction to Plant Science– HRT 300*. To register, or for more information, call 718-817-8747 or register [online](#).

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October 3–31, 2010

**Ornamental Woody Plants : Fall Trees and Shrubs 112HRT331 Section C**

**Location:** NY Botanical Garden, Bronx, NY

**Time:** 4 Sundays, Oct. 3–31 (no class Oct. 10), 10 a.m.–1 p.m.

*This class has been approved for 6 AOLCP credits.*

Explore the identification and landscape use of major groups of shade trees and shrubs grown for ornamental foliage and fruit. Major groups studied include *Acer*, *Quercus*, *Viburnum*, and other genera, which are particularly ornamental in autumn. The continuation of this course is *Ornamental Woody Plants: Spring Trees and Shrubs*. The class goes out on the grounds rain or shine. *Recommended Prerequisite: Introduction to Plant Science– HRT 300*. To register, or for more information, call 718-817-8747 or register [online](#).

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October 31, 2010

**Nutrient Density Field Course: Putting Land to Rest**

**Location:** Lindentree Farm, 10 Old Concord Road, Lincoln, MA

**Time:** 9 a.m. to 5 p.m.

*This six-part course has been approved for a total of 6 AOLCP credits.*

This course is presented by director of the Real Food Campaign, Dan Kittredge.

Dates: January 23, March 13, April 24, Sunday, June 27, August 29, October 31, 2010. Click [here](#) for more information.

This class will review fall crop yields and how they responded to various treatments; plan for the farm next year: rotations, fall mineral applications, crop planning; make appropriate analysis of local soil conditions and deficiencies and how to remediate

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### **Ongoing: Natural Turf Pro, Professional Landscaper DVD Training and written test.**

*Successful test results will earn 4 AOLCP credits.*

"Natural Turf Pro" was originally developed as part of the Grassroots Healthy Lawn Program, an award-winning educational program of Grassroots Environmental Education. Disc One covers: Growing Your Business the Natural Way, The Basics of Natural Lawn Care, It's All About the Soil, Soil Testing, Fertilizer, Compost, Compost Tea, How Plants Function, Soil Warriors, Mowing. On Disc Two: Compaction and Aeration, Irrigation, Seeding/Overseeding, Thatch, Weed Management, New Lawn Construction, Sports and Municipal Turf, Making the Transition, and Building your Business. After viewing the video, AOLCP's must pass a written test in order to receive 4 credits. The test is administered in Port Washington, NY twice annually. Visit the [The Natural Turf](#) website for further information. If unable to travel to Port Washington for the test, contact [Carol](#) of CTNOFA.

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### **[3-6-10 Mad Gardeners Conf.](#)**

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#### **Organic Land Care Program**

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